



இந்திய அரசு
இந்திய வானிலை ஆய்வு துறை
மண்டல வானிலை ஆய்வு மையம்
6, கல்லூரி சாலை,
சென்னை-600006
தொலைபேசி : 044- 28271951



GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
Regional Meteorological Centre
No. 6, College Road,
Chennai-600006
Phone: 044- 28271951

DATE: Monday, May 27, 2024 (6 Jyaistha 1946)

Time of issue: 1300 Hrs IST

DAILY WEATHER REPORT FOR TAMILNADU, PUDUCHERRY & KARAİKAL AREA

Summary of observations over Tamil Nadu and Puducherry recorded at 0830 hrs IST:

Rainfall occurred at one or two places over Tamilnadu. Dry weather Prevailed over Puducherry and Karaikal area.

CHIEF AMOUNT OF RAINFALL IN CENTIMETERS: Mullanginavillai (dist Kanniyakumari) 2 cm.

DESCRIPTION OF TEMPERATURE:

During the 24-hr ending 08:30 IST of today (27.05.2024), the maximum temperatures were **generally below normal at most places** over Tamilnadu, Puducherry & Karaikal area.

Highest maximum temperature was recorded at **Chennai (Airport) - 39.6°C**.

Maximum temperature was **33-40°C** over the plains of **North Interior Tamilnadu** and **33-37°C** over the plains of **South Interior Tamilnadu**. The **coastal areas** of Tamilnadu, Puducherry & Karaikal recorded **29°C to 36°C** and the **hilly areas** recorded **20°C to 25°C** temperatures.

Chennai recorded **normal** maximum temperatures (**MBK: 39.6°C, +.7°C** and **NBK: 38.9°C, +0.9°C**).

MAXIMUM TEMPERATURE (24 HOURS CHANGE):

| | |
|---|--|
| Markedly rise (4.1° C or more) | ----- |
| Appreciably rise (2.1° C to 4.0° C) | Over Coimbatore, Karur, Dindigul, Madurai and Vellore districts. |
| Appreciable fall (-2.1 ° C to -4.0° C) | ----- |
| Markedly fall (-4.1° C or less) | ----- |
| No large change (-2.1° C to 2.0° C) | Over the rest of the subdivision. |

MAXIMUM TEMPERATURE (DEPARTURE):

| | |
|---|--|
| Markedly above normal (5.1 °C or more) | ----- |
| Appreciably above Normal (3.1- 5.0 °C) | ----- |
| Above normal (1.6° C to 3.0° C) | ----- |
| Below normal (-1.6 ° to -3.0 ° C) | Over Cuddalore, Dharmapuri, Kanyakumari, Madurai, Nagapattinam, Salem, Nilgiris districts and Puducherry |
| Appreciably below normal | Over Karaikal area. |

| | |
|---|-----------------------------------|
| (-3.1 to -5.0°C) | |
| Markedly below normal (-5.1 or less) | Over Tirunelveli district. |
| Normal (-1.5° C to 1.5° C) | Over the rest of the subdivision. |

Namakkal recorded the lowest minimum temperature of 20.5°C in the plains of the region.

MINIMUM TEMPERATURE (24 HOURS CHANGE):

| | |
|--|-----------------------------------|
| Markedly rise (4.1° c or more) | ----- |
| Appreciable rise (2.1 ° C to 4.0°) | Over Namakkal district. |
| Appreciable fall (-2.1° C to -4.0°) | ----- |
| Markedly fall (-4.1° C or less) | ----- |
| No large change (-2.0° C to 2.0° C) | Over the rest of the subdivision. |

MINIMUM TEMPERATURE (DEPARTURE):

| | |
|---|---|
| Markedly above normal (5.0 ° C or more) | ----- |
| Appreciably above Normal (3.1° C to 5.0 ° C) | ----- |
| Above Normal (1.6 °C to 3.0 °C) | Over Chennai, Trichy, Tiruvallur, Nilgiris and Vellore districts. |
| Below normal (-1.6 ° to -3.0 ° C) | Over Erode, Madurai and Coimbatore districts. |
| Appreciably below normal (- 3.1° C to -5.0°C) | ----- |
| Markedly below normal (- 5.0° C or less) | ----- |
| Normal (-1.5° C to 1.5° C) | Over the rest of the subdivision. |

Synoptic Meteorological feature:

Light to moderate Westerlies/Southwesterlies likely to prevail over the region in the lower tropospheric levels.

Yesterday's Severe Cyclonic Storm "Remal" (pronounced as "Re-Mal") over the North Bay of Bengal moved nearly northwards, crossed the Bangladesh and adjoining West Bengal coasts between Sagar Islands (West Bengal) and Khepupara (Bangladesh) close to southwest of Mongla (Bangladesh) near Latitude 21.75°N and Longitude 89.2°E between 2230 hrs IST of 26th May to 0030 hrs IST of 27th May 2024 as a Severe Cyclonic Storm with wind speed of 110 to 120 Kmph gusting to 135 Kmph.

The conditions are likely to become favourable for Monsoon onset over Kerala during next 5 days.

The conditions are also likely to become favourable for further advance of Southwest Monsoon into some more parts of South Arabian Sea, remaining parts of Maldives and Comorin area; some parts of Lakshadweep area, Kerala; some more parts Southwest & Central Bay of Bengal and Northeast Bay of Bengal during next 5 days.

FORECAST & WARNINGS FOR TAMILNADU AND PUDUCHERRY FOR NEXT SEVEN DAYS

| | |
|--------------------|--|
| Day 1 (27.05.2024) | Light to moderate rain with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry and Karaikal area. |
| Day 2 (28.05.2024) | Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area. |
| Day 3 (29.05.2024) | Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area. |
| Day 4 (30.05.2024) | Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area. |
| Day 5 (31.05.2024) | Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area. |
| Day 6 (01.06.2024) | Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area. |
| Day 7 (02.06.2024) | Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area. |

TEMPERATURE FORECAST

| | |
|--|--|
| Day 1 (27.05.2024) to Day 5 (31.05.2024) | Maximum temperatures are expected to gradually rise by 2-3°C over Tamilnadu during the next four days (27.05.2024 to 30.05.2024). Maximum Temperature is likely to be near normal at many pockets over Tamilnadu, Puducherry & Karaikal during the next 24 hours (27.05.2024). Maximum Temperature is likely to be normal to above normal during 28.05.2024 to 31.05.2024. |
|--|--|

THUNDERSTORM WARNING

| | |
|--------------------|---|
| Day 1 (27.05.2024) | Thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area. |
|--------------------|---|

LOCAL FORECAST FOR CHENNAI CITY AND NEIGHBOURHOOD

| | |
|-------------------|---|
| For next 24 hours | Sky condition is likely to be partly cloudy. Maximum temperature is likely to be around 39°C and Minimum temperature is likely to be 29-30°C. |
| For next 48 hours | Sky condition is likely to be partly cloudy. Maximum temperature is likely to be around 39°C and Minimum temperature is likely to be 29-30°C. |

P. SENTHAMARAI KANNAN,
SCIENTIST 'F'
For Deputy Director General of Meteorology,
Regional Meteorological Centre, Chennai

OBSERVATIONS RECORDED AT 0830 HRS IST OF DATE:27-05-2024 (6 Jyaistha 1946 SAKA)

| Stations | Temperature Degrees celsius | | | | Humidity percentage | | Rainfall | | | | | Weather remarks |
|--------------------|-----------------------------|------------------|-------------|------------------|---------------------|------------------|-------------|--------------------|-----------------------|-------------------|---------------|-----------------|
| | Maximum | | Minimum | | At 0830 Hrs IST | Dep. from normal | Millimeters | | | Centimeters | | |
| | Past 24 Hrs | Dep. from normal | Past 24 Hrs | Dep. from normal | | | Past 24 Hrs | Seasons total from | Departure from normal | Year's total from | Annual normal | |
| | °C | °C | °C | °C | % | % | mm | 1-3-2024 | mm | 1-1-2024 | cm | |
| Adiramapattinam | 33.6 | -0.7 | 27.2 | 0.4 | 74 | 2 | 0.0 | 185.8 | 46.7 | 22 | 124 | |
| Chennai | 38.9 | 0.9 | 30.8 | 2.3 | 81 | 17 | 0.0 | 21.8 | -34.6 | 9 | 140 | |
| Chennai_AP | 39.6 | 0.7 | 29.1 | 1.1 | 52 | -9 | 0.0 | 12.4 | -56.7 | 9 | 138 | |
| Coimbatore_AP | 33.0 | -1.3 | 23.6 | -0.1 | 81 | 2 | 0.0 | 222.9 | 117.4 | 24 | 59 | m* |
| Coonoor | 22.8 | -1.5 | 16.2 | 0.3 | 72 | 1 | 0.0 | 541.4 | 243.7 | 69 | 159 | |
| Cuddalore | 35.8 | -1.9 | 27.9 | 0.8 | 73 | 5 | 0.0 | 62.0 | -9.6 | 22 | 134 | |
| Dharmapuri | 33.5 | -2.3 | 25.0 | 1.0 | 73 | 5 | 0.0 | 184.2 | 18.9 | 19 | 91 | |
| Erode | 37.0 | -1.0 | 20.5 | -2.3 | 74 | 9 | 0.0 | 78.8 | -- | 9 | -- | |
| Kanyakumari | 29.1 | -2.7 | 25.2 | -0.5 | 86 | 5 | 1.0 | 312.0 | 178.0 | 32 | 75 | r* |
| KarurParamathi | 35.5 | 0.2 | 24.0 | -1.0 | 68 | -6 | 0.0 | 154.2 | 19.6 | 17 | 59 | |
| Karaikal | 33.6 | -3.4 | 28.3 | 1.0 | 67 | -4 | 0.0 | 96.8 | 3.2 | 33 | 150 | |
| Kodaikanal | 21.5 | 0.6 | 13.9 | 0.9 | 74 | -2 | 0.0 | 268.2 | -43.5 | 35 | 158 | |
| Madurai_City | 36.0 | -1.8 | 23.0 | -2.7 | 86 | 11 | 0.0 | 137.6 | -- | 14 | -- | m* |
| Madurai_AP | 37.0 | -1.2 | 27.4 | 1.0 | 66 | 3 | 0.0 | 116.9 | -16.6 | 13 | 85 | z* |
| Nagapattinam | 34.0 | -3.0 | 27.0 | -0.3 | 70 | -3 | 0.0 | 89.4 | -8.9 | 38 | 143 | |
| Namakkal | 34.0 | -- | 20.5 | -- | NA | -- | 0.0 | 166.4 | -- | 18 | -- | |
| Palayamkottai | 32.5 | -5.3 | 26.7 | 0.2 | 83 | 14 | 0.0 | 96.0 | -45.4 | 14 | 73 | |
| Pamban | 34.0 | 0.0 | 28.5 | 0.5 | 76 | 0 | 0.0 | 240.0 | 129.8 | 31 | 91 | |
| Parangipettai | 33.0 | -- | 28.0 | -- | 73 | -- | 0.0 | 73.4 | -4.2 | 22 | 139 | |
| Puducherry | 36.2 | -1.8 | 28.1 | 0.9 | 68 | -2 | 0.0 | 56.2 | -32.4 | 23 | 134 | |
| Salem | 34.6 | -1.9 | 25.0 | 0.3 | 78 | 3 | 0.0 | 229.2 | 76.1 | 23 | 102 | |
| Thanjavur | 37.0 | -- | 30.0 | -- | 59 | -- | 0.0 | 26.8 | -60.9 | 9 | 95 | |
| Thirupattur | 37.8 | 0.8 | 25.6 | 0.9 | 66 | -1 | 0.0 | 69.4 | -53.8 | 7 | 95 | |
| Tiruchirappalli_AP | 36.5 | -1.4 | 29.0 | 2.4 | 62 | -4 | 0.0 | 213.0 | 106.9 | 23 | 87 | z* |
| Tiruthani | 39.0 | -0.4 | 29.5 | 2.9 | 50 | -9 | 0.0 | 36.2 | -44.9 | 6 | 101 | |
| Tondi | 35.2 | 1.0 | 26.0 | -1.0 | 67 | -6 | 0.0 | 220.2 | 91.0 | 25 | 88 | |
| Thoothukudi | NA | NA | 25.9 | -0.7 | 69 | -6 | 1.0 | 165.5 | 54.4 | 23 | 63 | r* |
| Udagamandalam | 19.7 | -2.5 | 13.4 | 1.6 | 86 | 3 | 0.0 | 248.2 | 32.7 | 30 | 116 | |
| Valparai | 25.5 | -0.6 | 16.0 | -1.7 | 93 | 3 | 6.6 | 481.6 | 193.7 | 58 | 290 | r* |
| Vellore | 39.3 | 0.2 | 28.7 | 2.8 | 61 | -6 | 0.0 | 65.6 | -41.3 | 9 | 103 | |

*Weather at 0830 hours IST. Other remarks refer to preceding 24 hours. NA-Not avble D-Duststorm l-Lightning d-drizzle m-mist s-snow r-rain h-hail f-fog p-shower z-haze t-thunderstorm tr-rainfall not measurable. Tr-rainfall 0.01 to 0.49 cm AP-Airport plus sign omitted when departures above normal.

GOVERNMENT OF INDIA, MINISTRY OF EARTH SCIENCES

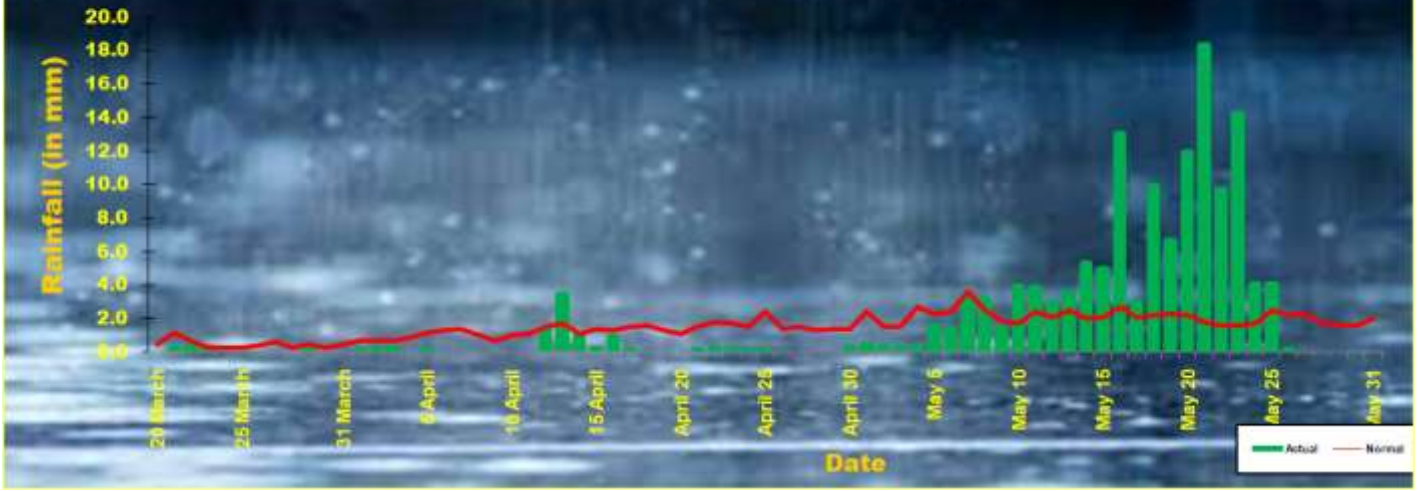
INDIA METEOROLOGICAL DEPARTMENT

REGIONAL METEOROLOGICAL CENTRE, CHENNAI

Districtwise daily / seasonal rainfall distribution for Tamil Nadu & Puducherry

| PRE-MONSOON RAINFALL 2024 | | 27.05.2024 | | | From 01.03.2024 to 27.05.2024 | | |
|---------------------------|------------------------------------|--|--------------|------|-------------------------------|--------------|------|
| CODE | NAME | ACTUAL in mm | NORMAL in mm | PDN* | ACTUAL in mm | NORMAL in mm | PDN* |
| | STATES | | | | | | |
| 31 | TAMIL NADU | 0.0 | 2.3 | -98 | 146.9 | 117.3 | 25 |
| | MET. SUBDIVISIONS | | | | | | |
| 31 | TAMIL NADU & PUDUCHERRY | | | | | | |
| 534 | ARIYALUR | 0.0 | 1.5 | -100 | 97.1 | 79.2 | 23 |
| 687 | CHENGALPATTU | 0.0 | 0.9 | -100 | 31.6 | 53.7 | -41 |
| 461 | CHENNAI | 0.0 | 0.2 | -100 | 20.9 | 46.8 | -55 |
| 462 | COIMBATORE | 0.6 | 3.1 | -82 | 276.2 | 149.7 | 84 |
| 463 | CUDDALORE | 0.0 | 1.7 | -100 | 80.6 | 74.5 | 8 |
| 464 | DHARMAPURI | 0.0 | 4.1 | -100 | 211.6 | 152.9 | 38 |
| 465 | DINDIGUL | 0.0 | 2.8 | -100 | 294.0 | 162.5 | 81 |
| 466 | ERODE | 0.0 | 3.8 | -100 | 176.9 | 136.8 | 29 |
| 688 | KALLAKURICHI | 0.0 | 2.3 | -100 | 55.3 | 77.1 | -28 |
| 467 | KANCHEEPURAM | 0.0 | 1.1 | -100 | 22.3 | 65.4 | -66 |
| 468 | KANYAKUMARI | 1.8 | 4.3 | -57 | 451.8 | 251.5 | 80 |
| 636 | KARAIKAL | 0.0 | 0.6 | -100 | 96.8 | 93.6 | 3 |
| 469 | KARUR | 0.0 | 1.3 | -100 | 139.0 | 104.7 | 33 |
| 470 | KRISHNAGIRI | 0.0 | 4.9 | -100 | 135.4 | 139.0 | -3 |
| 471 | MADURAI | 0.0 | 2.2 | -100 | 151.7 | 131.4 | 15 |
| 695 | MAYILADUTHURAI | 0.0 | 1.0 | -100 | 87.4 | 82.5 | 6 |
| 472 | NAGAPATTINAM | 0.0 | 1.1 | -100 | 103.6 | 88.6 | 17 |
| 473 | NAMAKKAL | 0.0 | 4.1 | -100 | 161.0 | 134.2 | 20 |
| 474 | NILGIRIS | 0.0 | 3.5 | -100 | 316.7 | 197.1 | 61 |
| 475 | PERAMBALUR | 0.0 | 2.5 | -100 | 81.2 | 84.3 | -4 |
| 476 | PUDUCHERRY | 0.0 | 2.9 | -100 | 56.2 | 88.6 | -37 |
| 477 | PUDUKKOTTAI | 0.0 | 1.4 | -100 | 119.1 | 82.6 | 44 |
| 478 | RAMANATHAPURAM | 0.0 | 0.6 | -100 | 166.5 | 105.2 | 58 |
| 689 | RANIPET | 0.0 | 1.7 | -100 | 7.9 | 74.2 | -89 |
| 479 | SALEM | 0.0 | 3.6 | -100 | 175.8 | 150.7 | 17 |
| 480 | SIVAGANGA | 0.0 | 2.0 | -100 | 133.3 | 123.4 | 8 |
| 690 | TENKASI | 0.0 | 1.1 | -100 | 154.9 | 175.7 | -12 |
| 481 | THANJAVUR | 0.0 | 1.6 | -100 | 118.8 | 93.3 | 27 |
| 482 | THENI | 0.1 | 1.7 | -96 | 209.9 | 164.8 | 27 |
| 483 | TIRUNELVELI | 0.0 | 0.8 | -100 | 221.5 | 127.5 | 74 |
| 691 | TIRUPATTUR | 0.0 | 4.8 | -100 | 121.9 | 104.1 | 17 |
| 535 | TIRUPPUR | 0.0 | 2.0 | -100 | 148.8 | 119.7 | 24 |
| 484 | TIRUVALLUR | 0.0 | 0.9 | -100 | 16.1 | 62.7 | -74 |
| 485 | TIRUVANNAMALAI | 0.0 | 2.2 | -100 | 87.2 | 90.3 | -3 |
| 486 | TIRUVARUR | 0.0 | 1.8 | -100 | 150.8 | 100.7 | 50 |
| 488 | TOOTHUKUDI | 0.0 | 0.6 | -100 | 66.3 | 105.3 | -37 |
| 487 | TRICHY | 0.0 | 2.3 | -100 | 139.0 | 98.7 | 41 |
| 489 | VELLORE | 0.0 | 2.2 | -100 | 71.8 | 96.2 | -25 |
| 490 | VILLUPURAM | 0.0 | 2.2 | -100 | 71.1 | 60.1 | 18 |
| 491 | VIRUDHUNAGAR | 0.0 | 1.2 | -100 | 165.0 | 140.2 | 18 |
| | SUBDIVISION RAINFALL | 0.0 | 2.3 | -98 | 146.7 | 117.2 | 25 |
| LEGEND | PDN* | Percentage Departure from Normal | | | | | |
| | | Rainfall for the 24 hrs ending at 0830 hrs of date | | | | | |

Premonsoon Rainfall 2024 for Tamilnadu and Puducherry
 From 01.03.2024 to To 27.05.2024 : Actual: 146.7 (mm) Normal: 117.2 (mm)
 Departure from Normal : (+) 25 %

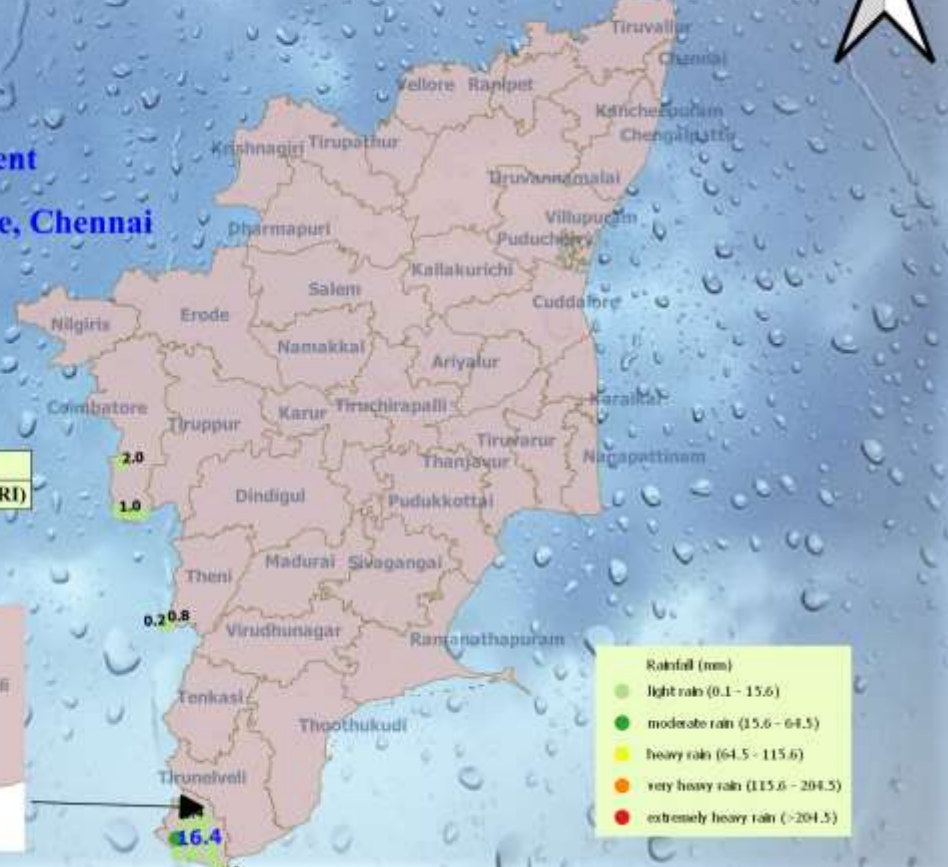


**Realised rainfall (mm) during the past 24 hours
 (upto 08:30 IST of 27/05/2024)**



India Meteorological Department
Regional Meteorological Centre, Chennai
 Date : 27/05/2024

Highest Rainfall recorded(mm): 16.4
Place: MULLANGINAVILLAI (KANYAKUMARI)





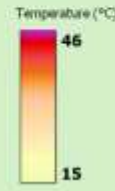
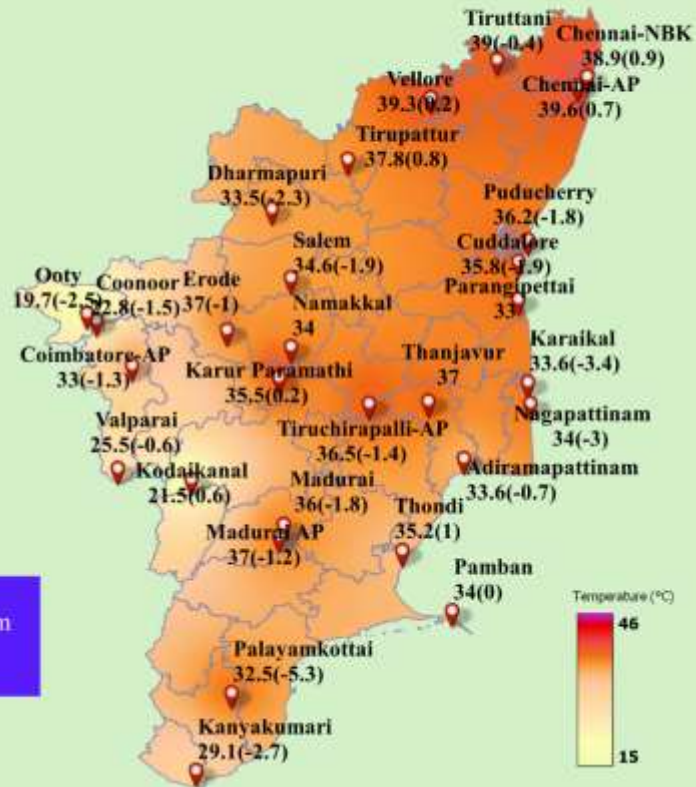
Realised Maximum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 27/05/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date: 27/05/2024

The highest temperature recorded : 39.6°C
Place : Chennai-AP

N.B. The departure from normal maximum temperature is given in brackets.



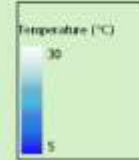
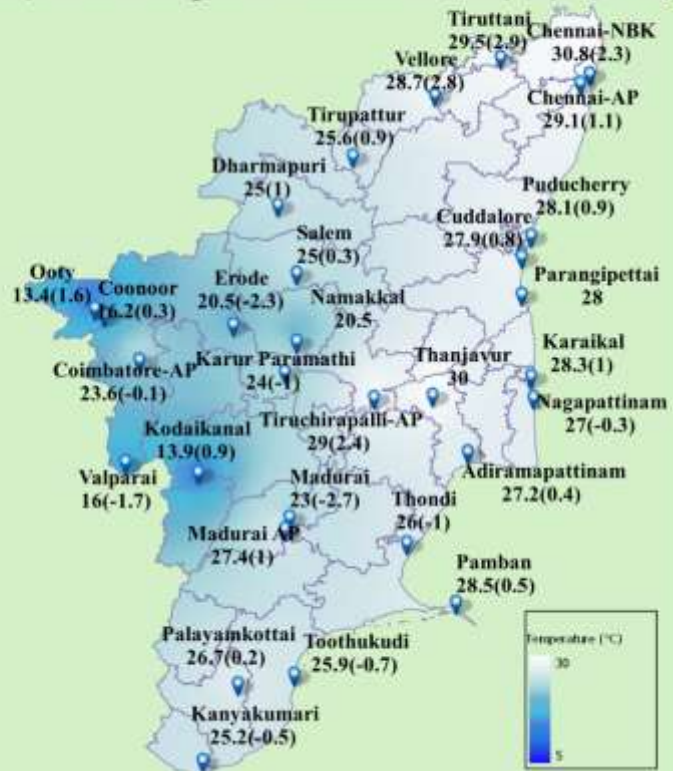
Realised Minimum Temperature (°C) in the past 24 Hrs (upto 0830 IST of 27/05/2024) and its departure from normal(°C)



India Meteorological Department
Regional Meteorological Centre, Chennai
Date : 27/05/2024

The lowest temperature recorded in the plains : 20.5° C
Place : Erode & Namakkal
The lowest temperature recorded in the hilly region : 13.4° C
Place : Ooty

N.B. The departure from normal minimum temperature is given in brackets.



Legends:

| | |
|---|---|
| North Tamil Nadu (NTN) districts | Chennai, Kancheepuram, Chengalpattu, Tiruvallur, Cuddalore, Villupuram, Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur, Perambalur. |
| South Tamil Nadu (STN) districts | Dindigul, Theni, Virudhunagar, Madurai, Sivagangai, Ramanathapuram, Thoothukudi, Thenkasi, Tirunelveli, Kanyakumari. |
| Interior Tamil Nadu (ITN) districts | Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Kancheepuram, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur, Perambalur, Sivagangai, Virudhunagar, Theni, Dindigul, Madurai, Thenkasi. |
| North interior Tamil Nadu (NITN) districts | Tirupattur, Vellore, Ranipet, Kallakurichi, Tiruvannamalai, Kancheepuram, Krishnagiri, Dharmapuri, Salem, Namakkal, Karur, Erode, Nilgiris, Coimbatore, Tiruppur, Tiruchirapalli, Ariyalur and Perambalur. |
| South interior Tamil Nadu (SITN) districts | Sivagangai, Virudhunagar, Theni, Dindigul, Madurai, Thenkasi. |
| Coastal Tamil Nadu (CTN) districts | Tiruvallur, Chennai, Chengalpattu, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai, Ramanathapuram, Thoothukudi, Tirunelveli, Kanyakumari. |
| North Coastal Tamil Nadu (NCTN) districts | Tiruvallur, Chennai, Chengalpattu, Villupuram, Cuddalore, Thanjavur, Tiruvarur, Mayiladuthurai, Nagapattinam, Pudukottai. |
| South Coastal Tamil Nadu (SCTN) districts | Ramanathapuram, Thoothukudi, Tirunelveli, Kanyakumari. |
| Delta Districts | Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai and Karaikal area. |
| Delta and Adjoining districts | Thanjavur, Tiruvarur, Nagapattinam, Mayiladuthurai, Pudukottai, Karaikal and Tiruchirapalli, Perambalur, Ariyalur, Cuddalore. |
| Western Ghat districts | Nilgiris, Coimbatore, Tiruppur, Theni, Dindigul, Thenkasi, Virudhunagar |
| PDC | Puducherry and Karaikal |

For more details visit www.mausam.imd.gov.in/chennai